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PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

Approved for use through 09/30/2018. GPO:2018-08-08, 82 FR 43295
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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number	023P2702
First Named Inventor	SCHIE ET AL. COMPLETE IF KNOWN
Application Number	10/646,450
Filing Date	08-22-2003
Art Unit	
Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTIMAL CONTROL OF WIDE CONVERSION RATIO SWITCHING CONVERTERS

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) 08-22-2003 as United States Application Number or PCT International

Application Number [REDACTED] and was amended on (MM/DD/YYYY) [REDACTED] (if applicable)

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

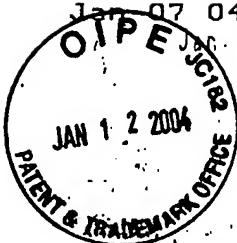
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

□ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION Utility or Design Patent Application

Direct all correspondence to: Customer Number
or Bar Code Label **23504** OR Correspondence address below

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 7001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	David Chalmers	Family Name or Surname	Schie
---	----------------	---------------------------	-------

Inventor's
Signature

Date: 1/7/04

Residence: City	Cupertino	State	CA	Country	USA	Citizenship	Canada
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Mailing Address: 22600 Ricardo Road

City	Cupertino	State	CA	ZIP	95014	Country	USA
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NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Alexander	Family Name or Surname	Mednik
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Inventor's
Signature

Date: 1/7/04

Residence: City	Campbell	State	CA	Country	USA	Citizenship	USA
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Mailing Address: 4148 Keith Drive

City	Campbell	State	CA	ZIP	85008	Country	USA
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Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto:

Please place a plus sign (+) inside this box → +

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 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 PTO/SB/02A (3-97)

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 12

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned Inventor					
Given Name (first and middle [if any])		Family Name or Surname					
James Hung		Nguyen					
Inventor's Signature							Date
Residence: City	San Jose	State	CA	Country	USA	Citizenship	USA
Post Office Address	2474 Glen Duff Way						
Post Office Address							
City	San Jose	State	CA	ZIP	95148	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned Inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Sang Ton		Ngo					
Inventor's Signature							Date
Residence: City	SAN JOSE Cupertino	State	CA	Country	USA	Citizenship	USA
Post Office Address	959 Miller Avenue 3388 COLONIA AVE.						
Post Office Address							
City	SAN JOSE Supertex	State	CA	ZIP	95014	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned Inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Khai Minh		Le					
Inventor's Signature							Date
Residence: City	Saratoga	State	CA	Country	USA	Citizenship	Germany
Post Office Address	20718 Prospect Road						
Post Office Address							
City	Saratoga	State	FL	ZIP	95070	Country	USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/02A (3-07)

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 12

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
James Hung		Nguyen					
Inventor's Signature	<i>James Hung</i>						Date
Residence: City	San Jose	State	CA	Country	USA	Citizenship	USA
Post Office Address	2574 Glen Duff Way						
Post Office Address							
City	San Jose	State	CA	ZIP	95148	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Sang Ton		Ngo					
Inventor's Signature							Date
Residence: City	Cupertino	State	CA	Country	USA	Citizenship	USA
Post Office Address	959 Miller Avenue						
Post Office Address							
City	Cupertino	State	CA	ZIP	95014	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Khai Minh		Le					
Inventor's Signature	<i>Khai Minh</i>						Date
Residence: City	Saratoga	State	CA	Country	USA	Citizenship	Germany
Post Office Address	20718 Prospect Road						
Post Office Address							
City	Saratoga	State	FL	ZIP	95070	Country	USA

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 22

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Wei		Gu					
Inventor's Signature							Date
Residence: City	San Jose	State	CA	Country	USA	Citizenship	China
Post Office Address	4348 Renaissance Drive, Apt. 124						
Post Office Address							
City	San Jose	State	CA	ZIP	Country	USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Kerry LADISLAS G.		Kerenyi, Jr.					
Inventor's Signature	<i>John G. Kerenyi Jr.</i>						Date 12/18/2003
Residence: City	WHITE PLAINS	State	NY	Country	USA	Citizenship	U.S.A.
Post Office Address	12 ROLAND DRIVE						
Post Office Address							
City	WHITE PLAINS	State	NY	ZIP	10605	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature							Date
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 22

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))		Family Name or Surname						
Wei		Gu						
Inventor's Signature	<i>Wei Lin</i>						Date	12/17/03
Residence: City	San Jose	State	CA	Country	USA	Citizenship		China
Post Office Address	4348 Renaissance Drive, Apt. 124							
Post Office Address								
City	San Jose	State	CA	ZIP		Country	USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))		Family Name or Surname						
Larry		Keranyi						
Inventor's Signature							Date	
Residence: City		State		Country		Citizenship		
Post Office Address								
Post Office Address								
City		State		ZIP		Country		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any))		Family Name or Surname						
Inventor's Signature							Date	
Residence: City		State		Country		Citizenship		
Post Office Address								
Post Office Address								
City		State		ZIP		Country		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, We, **David Chalmers Schie, Alexandria Mednik, James Hung Nguyen, Sang Ton Ngo, Khai Minh Le, Wei Gu and Ladislas G. Kerenyi, Jr.**, have sold, assigned and transferred and do hereby sell, assign and transfer unto **SUPERTEX, INC.**, and its successors, assigns and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in "**OPTIMAL CONTROL OF WIDE CONVERSION RATIO SWITCHING CONVERTERS**" described, illustrated and claimed in an application for Letters Patent of the United States of America, executed by us of even date herewith, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

We also hereby sell, assign and transfer unto the said **SUPERTEX, INC.**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said inventions and said applications for Letters Patent in foreign countries, and we further authorize the said **SUPERTEX, INC.**, to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the said application for Letters Patent of the United

the provisions of any and all international conventions and treaties.

We hereby authorize and request the Assistant Commissioner of Patents of the United States of America to issue any and all U.S. Patents upon the application, division, extension, continuation or reissue, to SUPERTEX, INC., for the sole use and behoof of SUPERTEX, INC., its successors, assigns and legal representatives, for the full term for which the U.S. Patent may be granted, the same as would have been held and enjoyed by us had this assignment not been made. We hereby authorize and request the equivalent authorities in foreign countries to issue the Patents of their respective countries to SUPERTEX, INC.

We agree that, when requested, we will, without charge to SUPERTEX, INC., but at its expense, sign all papers take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in all countries and for vesting title thereto in SUPERTEX, INC., its successors, assigns and legal representatives.

We covenant with SUPERTEX, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Dated: Dec. 3/63

lku

David Chalmers Schie

Dated: 12/11/03
Alexander Mednik

Dated: _____

James Hung Nguyen

Dated: _____

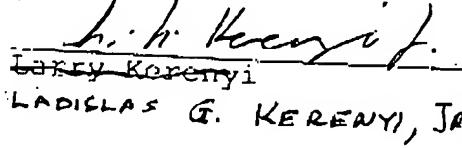
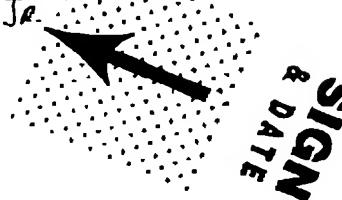
Sang Ton Ngo

Dated: _____

Khai Minh Le

Dated: _____

Wei Gu

Dated: 12/18/2003
LADIESLAS G. KERENYI, JR.
SIGN

Dated: 12/31/03

Alexander Mednik
Alexander Mednik

Dated: _____

James Hung Nguyen
James Hung Nguyen

Dated: 12/17/03

Sang Ton Ngo
Sang Ton Ngo

Dated: 12/03/03

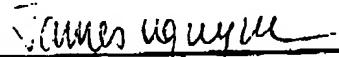
Khai Minh Le
Khai Minh Le

Dated: _____

Wei Gu
Wei Gu

Dated: _____

Larry Kerenyi
Larry Kerenyi

Dated: 12/3/03
Alexander MednikPLEASE SIGN
& DATEDated: 12/14/2003
James Hung Nguyen

Dated: _____

Sang Ton Ngo

Dated: 12/03/03
Khai Minh Le

Dated: _____

Wei Gu

Dated: _____

Larry Kerenyi

Dated: 12/31/03Alexander Mednik

Dated: _____

James Hung Nguyen

Dated: _____

Sang Ton NgoDated: 12/03/03Khai Minh LeDated: 12/12/03Wei Gu

Dated: _____

Larry Kerenyi